

Demographic & Health Characteristics of Arriving Iraqi Refugees in California

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Background



According to the United Nations High Commissioner
for Refugees (UNHCR)

- Over 4 million Iraqis are displaced

- Minimal health information about Iraqi refugees is available

Background



According to the United Nations High Commissioner for Refugees (UNHCR)

- Demographic profile similar to that of a middle-income country characterized by greater numbers of older persons and a disease profile dominated by chronic illnesses (cardiovascular disease, diabetes, and cancer)

Goal

To examine demographic and health characteristics of arriving Iraqi Refugees in California.





Objectives

- To obtain a detailed demographic and health profile of arriving Iraqi Refugees in California based on the initial California Refugee Health Assessment.
- To obtain a detailed profile of health events that require healthcare within arriving Iraqi Refugees in California after the California Refugee Health Assessment.



Data Collection

Data will be provided via:

1. California Refugee Health Assessment
2. Medi-Cal Database





Data Collection

1. California Refugee Health Assessment

- Demographics
- TB evaluation
- Laboratory tests
- ICD-10 code section for reporting of identified diagnosis
- Mental/Emotional Status
- Lifestyle assessment



Data Collection

2. Medi-Cal Database post health events



RHP Funded Counties

- Alameda
- Contra Costa
- Kern
- Los Angeles
- Orange
- Sacramento
- Santa Clara
- San Diego
- San Francisco
- Stanislaus



Where do most Iraqis reside?

- 1.San Diego
- 2.Los Angeles
- 3.Stanislaus
- 4.Orange
- 5.Santa Clara





Preliminary Results



Iraqi Refugee Demographics

Age by County

Age (years)	Alameda	Contra Costa	Los Angeles	Orange	Sacramento	San Diego	San Francisco	Santa Clara	Stanislaus	Total
0-4	0	1	14	4	4	155	0	6	7	192
5-14	9	1	48	28	13	344	1	18	37	499
15-24	16	3	59	23	8	406	1	23	33	572
25-34	12	4	49	31	8	351	3	23	27	508
35-44	7	0	32	22	10	238	2	14	25	350
45-54	9	0	38	12	6	163	2	18	21	269
55-64	3	4	17	8	3	100	0	11	13	159
>65	5	1	25	7	5	59	0	5	9	110
Total	61	14	282	135	57	1816	9	118	172	2665

* Data for 9/1/08-3/31/09



Preliminary Results



Iraqi Refugee Demographics

Gender by County

Gender	Alameda	Contra Costa	Los Angeles	Orange	Sacramento	San Diego	San Francisco	Santa Clara	Stanislaus	Total
Female	25	9	139	59	28	872	3	66	90	1292
Male	36	5	143	76	29	944	6	52	82	1373
Total	61	14	282	135	57	1816	9	118	172	2665

* Data for 9/1/08-3/31/09



Preliminary Results



Iraqi Refugee Demographics

Gender by Years of Education (Refugees >18yrs. of age)

Gender	None	1-8 yrs of ED	9-12 yrs of ED	13-16 yrs of ED	>16 yrs of ED	Total
Female	97	382	424	203	45	1151
Male	62	416	381	293	85	1237
Total	159 (3%)	798 (33%)	805 (34%)	496 (21%)	130 (5%)	2388

* Data for 9/1/08-3/31/09



Preliminary Results



Risk Behaviors (>18 years of age)

- 45% exercise at least once/week
- 21% smoke

* Data for 9/1/08-3/31/09



Preliminary Results



Mental/Emotional Status

(>18 years of age)

- 17% Reported trouble sleeping
- 11% Adjustment related stress
- 7.6% Reported feeling sad or hopeless (less than 1% had suicidal thoughts)
- 6.5% Reported having bad dreams
- 4.1% Reported trouble concentrating
- 3.9% Reported being tired or having low energy

* Data for 9/1/08-3/31/09



Preliminary Results



Health Conditions

- 35% Dental Caries
- 20% BMI of 30 or above
- 14% Hypertension
- 5% Diabetes
- 1% Hepatitis B

* Data for 9/1/08-3/31/09



Preliminary Results



TB

389 (20%) (N=1958) TST/QFT positive,
- of those positive 331 (85%) were LTBI
cases

(17% of total Iraqi population assessed for TB)



* Data for 9/1/08-3/31/09



San Diego County



- Video





San Diego Enhanced Surveillance Iraqi Study Data collection



- Religion
- Medi-Cal number
- Current address, telephone
- Lab Results
- Lipid panel
- Other health conditions & Risk factors



San Diego Catholic Charities



- Refugee Services-From 1975
- Wilson Fish
- Refugee Health Assessment Program
- Reception and Replacement
- Tobacco Cessation Program
- Refugee Preventive Health*
- Case management



San Diego Preliminary Results Demographics



N= 896

Females = 442 (49%)

Males = 454 (51%)

* Data for 9/1/08-3/31/09



San Diego Preliminary Results Demographics



Age Range yrs	
0-5	72 (8%)
6-18	205 (23%)
19-25	159 (18%)
26-35	173 (19%)
36-45	123 (14%)
46-55	72 (8%)
56-65	57 (6%)
>65	35 (4%)
Total	896 (100%)

* Data for 9/1/08-3/31/09



San Diego Preliminary Results



Lipid Panel (subset N=190 out of 896, > 40 years of age)

49 or 26% total cholesterol 200-239 mg/dl
23 or 12% total cholesterol 240 mg/dl or above
31 or 16% LDL 130-159 mg/dl
19 or 10% LDL 160 mg/dl or above
50 or 26% triglycerides 150-199 mg/dl
39 or 21% triglycerides 200 mg/dl or above
107 56% HDL below 50 mg/dl

* Data for 9/1/08-3/31/09



San Diego Preliminary Results Health Conditions



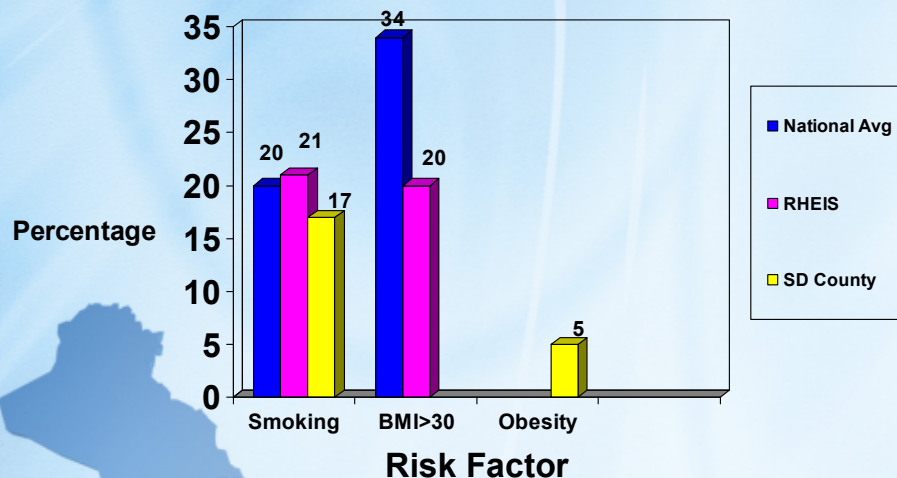
	NATIONAL AVG. > 18 yrs	RHEIS >18 yrs	SD COUNTY > 18 YRS n=635
Dental Caries	44%-45%*	35%	289 (46%)
Hematuria	n/a	n/a	87 (14%)
HTN	27.8%*	14%	101 (16%)
Anemia	12% Females only*	6%	59 (9%)
Hearing Issues	17.5%-28.9%*	n/a	30 (5%)
Diabetes	21.1% non-hisp BL* 25.1% non-hisp W* 26.1% MA*	5%	26 (4%)
Thyroid	n/a	n/a	17 (3%)

Source *CDC

Data for 9/1/08-3/31/09



San Diego Preliminary Results Modifiable Risk Factors



San Diego Preliminary Results



Ova or Parasites N=896

- Blastocystis Hominis 200 (22%)
- Dientamoeba Fragilis 26 (6%)
- Endolimax Nana 39 (4.3%)
- Giardiasis (Giardia Lamblia) 18 (2%)
- Entamoeba Coli 16 (2%)
- Amebiasis (Entamoeba Histolytica) 5 (.5%)

* Data for 9/1/08-3/31/09



Perceived Barriers to Health Care Access



- Language
- Logistical-transportation
- Insurance
- Cultural differences
- Knowledge of System

* Source: Brouwer, Kimberly. *Assessment of Community Member Attitudes Towards Health Needs of Refugees in San Diego*. July 11, 2007



Future Plans



- Medi-Cal Data
- Risk Factors- Outcomes





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Questions



Source: Cato.org